

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 2, line 25, with the following amended paragraph:

The data ~~processing-driving~~ unit 120 generates a data pulse on the basis of the image data inputted from the data processing unit 110 and outputs the generated data pulse to the display panel 150, and the scan driving unit 140 generates a scan pulse on the basis of the control signal inputted from the control unit 130 and outputs the generated scan pulse to the display panel 150.

Please replace the paragraph beginning at page 3, line 12, with the following amended paragraph:

As shown ~~therein~~. ~~The~~ therein, the scan driving unit in accordance with the present invention includes: a timing control unit 141 for outputting a timing control signal; a first buffer 142 for temporarily storing the timing control signal inputted from the timing control unit 141; a photocoupler 143 for insulating an input terminal and an output terminal for the timing control signal; a second buffer 144 for temporarily storing the timing control signal inputted from the photocoupler 143; a pulse generating unit 210 for outputting a voltage of a predetermined level on the basis of a switching control signal; and a scan driving IC 145 for outputting a voltage of a predetermined level inputted from the pulse generating unit 210, on the basis of the timing control signal inputted from the second buffer 144.

Please replace the paragraph beginning at page 6, line 5, with the following amended paragraph:

~~Figure 4 is a view~~ Figures 4A and 4B are views for explaining a principle of a scan driving unit of Figure 3; and

Please replace the four paragraphs beginning at page 7, line 8, with the following four amended paragraphs:

~~At this time~~Here, the scan driving IC 145 ~~is~~ includes two FETs (Field Effect Transistor), switching devices, having different channels (n channel, p channel) and two driving ICs for driving the FETs. That is, the scan driving IC 145 selectively turns on one of the switching devices on the basis of the timing control signal inputted from the second buffer 144, thereby selectively outputting one of voltages outputted from the upper voltage generating unit 310 and the lower voltage generating unit ~~320~~330. In addition, preferably, the amplifying unit ~~330~~320 comprises an ~~OP-AMP (Operational Amplifier)~~operational amplifier (OP AMP) so as to function as a buffer or an amplifier according to a kind of flat display panel.

An operation principle of the scan driving unit in accordance with the present invention constructed as above will now be described with reference to ~~Figure 4~~Figures 4A-4B.

~~Figure 4 is a view~~ Figures 4A-4B are views for explaining an operation principle of the scan driving unit of Figure 3.

As shown therein, in the upper voltage generating unit 310, FETs which are turned on/off on the basis of the first and second switching controlling signals (SC1, SC2) function as an SW1 and an SW2, respectively, and in the lower voltage generating unit ~~320~~330, FETs which are turned on/off on the basis of the third and fourth switching control signals (SC3, SC4) function as an SW3 and an SW4, respectively. In the scan driving IC 145, FETs which are selectively turned on/off on the basis of the timing control signal inputted from the second buffer 144 function as an SW5 and an SW6, respectively.

Please replace the paragraph beginning at page 10, line 13, with the following amended paragraph:

As shown therein, scan pulse waveforms having various forms can be made by controlling voltages applied to an A terminal and a B terminal of the upper voltage generating unit 310 and the lower voltage generating unit ~~320~~330.